

Sunday, July 3, 2016**INDUSTRY SUPPORTED WORKSHOP**

08:00 - 18:00

Hall G

Session not included in the CME/CPD Programme.

For Programme details please refer to the Recognition, Acknowledgements & Commercial Support Section in the final programme.

WORKSHOP SESSION 1: RADIOLOGY IN RHINOLOGY

12:30 - 14:00

Hall C

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RADIOLOGY IN RHINOLOGY
Mårten Annertz (Sweden)

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WORKSHOP SESSION 2: SEPTOPLASTY AND TURBINATE PROCEDURES

12:30 - 14:00

Hall D

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SEPTOPLASTY AND TURBINATE PROCEDURES
Babak Alinasab (Sweden)

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WORKSHOP SESSION 3: ALLERGY

12:30 - 14:00

Hall E

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ALLERGY
Ake Davidsson (Sweden)

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BREAK

14:00 - 14:10

Exhibition

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Hall C

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VIRTUAL DISSECTION 2
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WORKSHOP SESSION 9: NASAL HEMORRHAGE

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NASAL HEMORRHAGE
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Hall E

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DENTAL INFECTIONS
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COFFEE BREAK, EXHIBITION AND POSTER VIEWING

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Exhibition

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BREAK, EXHIBITION AND POSTER VIEWING

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INDUSTRY SUPPORTED SESSION

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Session not included in the CME/CPD Programme.

For Programme details please refer to the Recognition, Acknowledgements & Commercial Support Section in the final programme.

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16:15 - 17:00

Hall A

16:15 TIPS AND HINTS IN CSF LEAK REPAIR
Hans Rudolf Briner (Switzerland)

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INSTRUCTIONAL SESSION 12: THE ENDOSCOPIC WAY TO THE “BRAIN”

16:15 - 17:00

Hall B

16:15 THE ENDOSCOPIC WAY TO THE “BRAIN”
Aldo Stamm (Brazil)

466

INSTRUCTIONAL SESSION 13: IMAGING OF THE SKULL BASE – INTERPRETATION AND CORRELATION TO ANATOMY

16:15 - 17:00

Hall C

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Nicole Freling (Netherlands)

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DEBATE: LOCAL ALLERGY: REALITY OR FICTION?

16:15 - 17:00

Hall D

16:15 Chair: Ralph Mösges (Germany)

468

16:15 LOCAL ALLERGY - REALITY
Carmen Rondon (Spain)

469

16:15 LOCAL ALLERGY - FICTION
Ludger Klimek (Germany)

470

16:15 DISCUSSION

DEBATE: CRSsNP TO OPERATE OR NOT TO OPERATE

16:15 - 17:00

Hall E

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INSTRUCTIONAL SESSION 14: HOW TO LEARN FUNCTIONAL CORRECTIVE NASAL SURGERY

16:15 - 17:00

Hall F

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INSTRUCTIONAL SESSION 15: ADEQUATE INVESTIGATIONS IN THE CRS PATIENT

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- 16:26 **A SYSTEMATIC REVIEW OF RHINITIS IN THE ELITE ATHLETES AND EXERCISE-INDUCED CHANGES IN THE NASAL AIRWAY** 481
P. Surda, A. Walker, M. Putala (United Kingdom)
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- 16:48 **ANTI-ALLERGIC EFFECTS OF ANTI-IL-33 IS ASSOCIATED WITH SUPPRESSION OF IMMUNOGLOBULIN LIGHT CHAIN AND INDUCIBLE NITRIC OXIDE SYNTHASE** 483
T.Y. Jang, C.S. Park, A.Y. Jung, Y.H. Kim (Republic of Korea)

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Christos Georgalas (Netherlands)

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SHORT BREAK

17:45 - 18:00

Exhibition

INDUSTRY SUPPORTED SESSION

18:00 - 19:30

Hall A

Session not included in the CME/CPD Programme.

For Programme details please refer to the Recognition, Acknowledgements & Commercial Support Section in the final programme.

ERS
2016

3-7 July 2016
Stockholm Sweden

RHINOLOGICAL DISORDERS –
A HEALTH PRIORITY FOR THE FUTURE

INDUSTRY SUPPORTED SESSION

17:45 - 18:45

Hall B

Session not included in the CME/CPD Programme.

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Wednesday, July 6, 2016**Plenary Session: WHAT RESULTS CAN WE PREDICT FOR OUR PATIENTS?**

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BREAK

09:00 - 09:10

Exhibition

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09:10 - 10:25

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10:15	COMPLEX FRONTAL PNEUMOSINUS DILATANS ASSOCIATED WITH MENINGIOMA: A REPORT OF TWO CASES AND ASSOCIATED LITERATURE REVIEW	600
	S. Timms, <u>R. Lakhani</u> , S. Connor, C. Hopkins (United Kingdom)	
10:20	A PRECLINICAL MODEL OF CHRONIC RHINOSINUSITIS	601
	<u>D.Y. CHO</u> , D. Skinner, C. MacKey, B. Woodworth (USA)	

COFFEE BREAK, EXHIBITION AND POSTER VIEWING

10:25 - 11:00 Exhibition

SYMPOSIUM 36: SINONASAL MALIGNANT TUMOURS; TREATMENT OPTIONS AND OUTCOME

11:00 - 12:15 Hall A

	Chair: Valerie Lund (United Kingdom)	602
11:00	OVERVIEW	603
	Valerie Lund (United Kingdom)	
11:15	OLFACTORY NEUROBLASTOMA	604
	TBA ()	
11:30	SQUAMOUS CELL CARCINOMA	605
	<u>N. Otori</u> (Japan)	
11:45	ADENOCARCINOMA	606
	Mark Jorissen (Belgium)	
12:00	MALIGNANT MELANOMA	607
	<u>M. Jangard</u> (Sweden)	

SYMPOSIUM 37: EAFPS SESSION: THE NASAL VALVE

11:00 - 12:15

Hall B

	Chair: Anna Sjögren (Sweden)	608
11:00	PRIMARY VALVE SURGERY A.J. Tasman (Switzerland)	609
11:18	REVISIONAL VALVE SURGERY Jonathan Sykes (USA)	610
11:36	REBUILDING THE MIDDLE VAULT Alireza Mesbahi (Iran)	611
11:54	THE STAIRSTEP GRAFT - AN INNOVATIVE TECHNIQUE IN NASAL VALVE SURGERY Gustavo Suarez (Switzerland)	612

SYMPOSIUM 38: IMMUNOTHERAPY IN ALLERGIC RHINITIS – THINGS TO LEARN FOR A RHINOLOGIST?

11:00 - 12:15

Hall C

	Chair: Cecilia Ahlström Emanuelsson (Sweden)	613
11:00	UNDER THE SKIN? Morgan Andersson (Sweden)	614
11:15	UNDER THE TONGUE? Guy Scadding (United Kingdom)	615
11:30	SUBLINGUAL IMMUNOTHERAPY IN HOUSE DUST MITE? Lei Cheng (China)	616
11:45	PRACTICAL TIPS AND TRICKS Lars Poulsen (Denmark)	617
12:00	WHAT'S AROUND THE CORNER? L.O. Cardell (Sweden)	618

SYMPOSIUM 39: EAACI SESSION: ENVIRONMENTAL FACTOR- SCUAD

11:00 - 12:15

Hall D

	Chair: Ludger Klimek (Germany)	619
11:00	ENVIRONMENTAL FACTORS IN CHRONIC UPPER AIRWAY DISEASE Valerie Hox (Belgium)	620
11:18	OCCUPATIONAL RHINITIS: ALLERGEN EXPOSURE IN THE WORKPLACE <u>P. Campo Mozo</u> (Spain)	621
11:36	LOCAL ALLERGIC RHINITIS Carmen Rondon (Spain)	622
11:54	TREATMENT STRATEGIES IN UNCONTROLLED ALLERGIC RHINITIS Ralph Mösges (Germany)	623

SYMPOSIUM 40: ARS SESSION: POLYPS FROM HELL! WHAT TO DO FOR RECALCITRANT DISEASE?

11:00 - 12:15

Hall E

	Chair: Roy Casiano (USA)	624
11:00	AGGRESSIVE POLYP DISEASE: ARE THERE GEOGRAPHIC AND RACIAL DIFFERENCES? John M. DelGaudio (USA)	625
11:18	OFFICE MANAGEMENT OF RECURRENT NASAL POLYPS. HOW MUCH CAN WE DO? Peter Hwang (USA)	626
11:36	IS THERE A ROLE FOR THE USE OF BIOLOGICS FOR RECURRENT NASAL POLYPS? WHAT IS THE EVIDENCE? Robert Kern (USA)	627
11:54	EXTENT OF SURGERY FOR RECURRENT NASAL POLYPS; ROLE FOR EXTENDED PROCEDURES? <u>R. Casiano</u> (USA)	628

SYMPOSIUM 41: PAEDIATRIC RHINOSINUSITIS

11:00 - 12:15

Hall F

	Chair: Marjolein Cornet (Netherlands)	629
11:00	ACUTE RHINOSINUSITIS IN CHILDREN <u>L. Kalogjera</u> (Croatia)	630
11:18	IS THERE STILL AN INDICATION FOR SURGERY IN ORBITAL COMPLICATIONS TO ACUTE RHINOSINUSITIS <u>A. Swift</u> (United Kingdom)	631
11:36	CRS IN CHILDREN - DOES IT EXIST? Marit Westman (Sweden)	632
11:54	TREATMENT OF CRS IN CHILDREN - WHEN IS SURGERY APPROPRIATE? Hassan Ramadan (USA)	633

SYMPOSIUM 42: IMPACT OF NASAL INFLAMMATION ON ...

11:00 - 12:15		Hall G
	Chair: Anders Ehnhage (Sweden)	634
11:00	HEALTH ECONOMICS <u>M. Setzen</u> (USA)	635
11:18	QUALITY OF LIFE <u>P. Sahlstrand-Johnson</u> (Sweden)	
11:36	OSA <u>D. Friberg</u> (Sweden)	637
11:54	OLFACTION <u>E. Holbrook</u> (USA)	638

FREE PAPER SESSION 34: GENETICS, PHARMACOGENETICS AND TISSUE ENGINEERING

11:00 - 12:00		Hall H
	Chair: Martin Desrosiers (Canada)	639
11:00	NASAL POLYP MUCOCILIAR DIFFERENTIATION HAS A DIFFERENTIAL GENE EXPRESSION PROFILE COMPARED TO HEALTHY NASAL MUCOSA <u>B. Callejas</u> , G. Fernández, L. Michel, A. Martínez, M. Fuentes, I. Alobid, F. Jaume, L. Pujols, J. Roca-Ferrer, C. Picado, S.G. Kalko, J. Mullol (Spain)	640
11:12	INTEGRATED ANALYSIS OF MICRORNA AND MRNA EXPRESSION PROFILES IN THE DIFFERENTIATION OF HUMAN NASAL POLYP EPITHELIAL CELLS COMPARED TO CONTROL NASAL MUCOSA. <u>B. Callejas</u> , F. Guerau, L. Michel, A. Martínez, M. Fuentes, I. Alobid, F. Jaume, L. Pujols, J. Roca-Ferrer, C. Picado, S.G. Kalko, J. Mullol (Spain)	641
11:24	DETECTING THE BIOMARKERS OF NEURODEGENERATIVE DISEASE IN THE NOSE. <u>S. Gane</u> , G.A. Gurria, D. Logan (United Kingdom)	642
11:36	SPLEEN TYROSINE KINASE INDUCES MUC5AC EXPRESSION IN HUMAN AIRWAY EPITHELIAL CELL <u>Y.D. Kim</u> , H.G. Na, B. Chang Hoon, Y.S. Choi, S.Y. Song (Republic of Korea)	643
11:48	ALTERATIONS IN NASAL EPITHELIAL TRANSCRIPTOME AFTER SUBCUTANEOUS BIRCH POLLEN IMMUNOTHERAPY <u>S. Toppila-Salmi</u> , E. Terna, P. Mattila, S. Joenväärä, J. Renkonen, R. Renkonen (Finland)	644

FREE PAPER SESSION 35: RHINOLOGY

11:00 - 12:15

Hall I

	Chair: Karin Toll (Sweden)	645
11:00	SURGICAL TREATMENT FOR EPISTAXIS R. Costello, H. Elhassan, S. Quine (United Kingdom)	646
11:07	ESTABLISHMENT OF OLFACTORY DIAGNOSIS FOR TRADITIONAL CHINESE VERSION OF UNIVERSITY OF PENNSYLVANIA SMELL IDENTIFICATION TEST R.S. Jiang, K.L. Liang (Taiwan)	647
11:14	IMPORTANCE OF CORRECTIVE NASAL SURGERY IN OBSTRUCTIVE SLEEP APNOEA SYNDROME PATIENTS WITH CONTINUOUS POSITIVE AIRWAY PRESSURE (CPAP) INTOLERANCE C. Merma Linares, M. Gonzalez Pena, S. Perello Aragonés, F.X. Aviles Jurado, M.D. Martinez Novoa (Spain)	648
11:21	INTRAORAL "AROUND-THE-MAXILLA" ENDOSCOPIC LIGATION OF MAXILLARY ARTERY IN THE INFRATEMPORAL FOSSA: ANATOMICAL STUDY AND TECHNIQUE REVISITED. CAN WE AVOID EMBOLIZATION IN CERTAIN CASES? G. Polev, D. Golbin, K. Avdeeva (Russia)	649
11:28	FEASIBILITY OF ELECTRICAL IMPEDANCE TOMOGRAPHY AS A REAL-TIME MONITORING DEVICE FOR DETECTION OF THE UPPER AIRWAY OCCLUSION S.W. Kim, E.J. Woo, T.I. Oh, D. Lee, S.Y. Jeon, H.J. Cho, Y.H. Joo (Republic of Korea)	650
11:35	CORRELATION OF CENTRAL COMPONENT/ TOTAL DURATION OF MIXED APNEAS WITH DEMOGRAPHIC AND POLYSOMNOGRAPHIC DATA IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA V. Gungor, K.M. Ozcan, N. Yurtsever Kum, D. Atan, M. Ozcan (Turkey)	651
11:42	THE EFFECT OF MIXED APNEA INDEX ON POSITIVE AIRWAY PRESSURE THERAPY COMPLIANCE K.M. Ozcan, N. Yurtsever Kum, R.O. Kum, D. Atan, V. Gungor, M. Ozcan (Turkey)	652
11:49	THE SENSATION OF PAIN/PRESSURE IN THE FACE IN PATIENTS WITH CHRONIC RHINOSINUSITIS AND NASAL SEPTUM DEFORMITY S. Savovic, L. Jovancevic, B.C. Maja, V. Kljajić (Serbia)	653
11:56	CLINICAL VARIABLES AND SEVERITY PREDICTORS IN SEVERE IDIOPATHIC EPISTAXIS: A RETROSPECTIVE REVIEW OF HOSPITALIZED PATIENTS D. Tomé, M. Canas Marques, P. Rocha Pereira, M. Alveirinho Simão, O. Dias (Portugal)	654
12:03	THE EFFECT OF SEPTORHINOPLASTY ON OLFACTION: A SYSTEMATIC REVIEW K. Whitcroft, P. Andrews (United Kingdom)	655

FREE PAPER SESSION 36: NASAL SURGERY, TECHNIQUES

11:00 - 12:15

Hall J

	Chair: Annika Törngren (Sweden)	656
11:00	AUDIT OF RE-ADMISSION RATES OF OVERNIGHT STAY SEPTOPLASTY H. Elhassan, N. Leung, T. Hywel, K. Saw, H. Whittet (United Kingdom)	657
11:05	ENDOSCOPIC FRONTAL SURGERY S. Haruna (Japan)	658
11:10	ANTIBIOTIC IN SEPTOPLASTY R. HAYE, L.K. Døsen, M. TarAngen, O. Shiryayeva, E. Lingaas (Norway)	659

11:15	FAILURE TO FOLLOW-UP APPOINTMENTS AFTER SEPTOPLASTY AND TURBINATE SURGERY <u>R. Hijano</u> , M. Cantón, J. Fusté, M. Costey, J. Comas, J. Fontané (Spain)	660
11:20	LATERAL ALOTOMY APPROACH FOR NASAL AND MIDFACIAL LESIONS G. Karkanis, I. Konstantinidis, A. Chatziavramidis, J. Constantinidis, <u>Z. Tsinaslanidou</u> (Greece)	661
11:25	FACTORS ASSOCIATED WITH RECURRENCE AND METASTASIS IN PRIMARY CUTANEOUS SQUAMOUS CELL CARCINOMA OF THE PINNA – A 3 YEAR RETROSPECTIVE STUDY AND META-ANALYSIS <u>M. Khan</u> , J. Stansfield, S. Khwaja (United Kingdom)	662
11:30	NASAL VALVE STABILIZATION IN EXTRACORPOREAL SEPTOPLASTY <u>C. LA MELIA</u> , T. LOSANO, G. CERONI COMPADRETTI, I. TASCA (Italy)	663
11:35	COMPARISON OF ABSORBABLE AND NON-ABSORBABLE NASAL PACKING AFTER SEPTAL SURGERY. <u>K. Lee</u> , J.H. Lee, J.S. Park (Republic of Korea)	664
11:40	NASAL VALVE STABILIZATION IN EXTRACORPOREAL SEPTOPLASTY <u>T. Losano</u> , I. Tasca, G. Ceroni Compadretti, Y. Lijdens, C. Boccio (Italy)	665
11:45	TRANSSEPTAL APPROACH TO THE MODIFIED ENDOSCOPIC LOTHROP PROCEDURE <u>S. Nishiike</u> , T. Imai, K. Oshima, H. Tanaka, Y. Tsuruta, Y. Tomiyama (Japan)	666
11:50	DEFINITION AND VALIDATION OF AN ANALYTICAL SCALE OF THE NASAL DEFORMATIONS IN RHINOPLASTY <u>T. Radulesco</u> , M. Achache, P. Martin, J.M. Thomassin, P. Dessi, M. Justin (France)	667
11:55	ROLE OF ALPHA-TOCOPHEROL ACETATE IN MUCOSAL RESTORATION AFTER SINONASAL SURGERY <u>D. Testa</u> , G. Panin, A. Guariglia, M. Nunziata, F.T. Zappoli, G. Marcuccio (Italy)	668
12:00	SEPTOPLASTY - ARE POPULATION DEMANDS INCREASING? <u>R. Costello</u> , Q. Stuart (United Kingdom)	669
12:05	SUBMUCOSAL MICRODEBRIDER-ASSISTED TURBINATE REDUCTION IN RHINITIS MEDICAMENTOSA: OUR EXPERIENCE AND TECHNIQUE MODIFICATION <u>G. Poley</u> , Avdeeva (Russia)	670

BREAK, EXHIBITION AND POSTER VIEWING

12:15 - 14:00

Exhibition

INDUSTRY SUPPORTED SESSION

13:00 - 14:00

Hall B

Session not included in the CME/CPD Programme.

For Programme details please refer to the Recognition, Acknowledgements & Commercial Support Section in the final programme.

INDUSTRY SUPPORTED SESSION

12:30 - 14:00

Hall C

Session not included in the CME/CPD Programme.

For Programme details please refer to the Recognition, Acknowledgements & Commercial Support Section in the final programme.

INDUSTRY SUPPORTED SESSION

13:00 - 13:45

Hall D

Session not included in the CME/CPD Programme.

For Programme details please refer to the Recognition, Acknowledgements & Commercial Support Section in the final programme.

ROUND TABLE 15: BENIGN SINONASAL TUMOURS

14:00 - 15:30

Hall A

	Moderator: Rajiv Bhalla (United Kingdom)	671
14:00	PANELIST Eng Ooi (Australia)	672
14:00	PANELIST Reda Kamel (Egypt)	673
14:00	PANELIST Bing Zhou (China)	674
14:00	PANELIST Andreas Leunig (Germany)	675
14:00	PANELIST Justin Michel (France)	676
14:00	PANELIST Jan Plzak, MD., Ph.D (Czech Republic)	677

ROUND TABLE 16: EAFPS SESSION: HOW TO CORRECT A BAD RHINOPLASTY

14:00 - 15:30

Hall B

	Moderator: Pernilla Sahlstrand-Johnson (Sweden)	678
14:00	GRAFTING IN REVISION RHINOPLASTY Yong Jang (Republic of Korea)	679
14:00	REVISION RHINOPLASTY - ENDONASAL SOLUTIONS Holger Gassner (Germany)	680
14:00	REBUILDING THE MIDDLE VAULT Fazil Apaydin (Turkey)	681
14:00	REVISING THE TIP Pietro Palma (Italy)	682
14:00	THE ROLE OF FILLERS Po Haraldsson (Sweden)	683

ROUND TABLE 17: STRATEGIES IN IATROGENIC, TRAUMATIC AND SPONTANEOUS CSF LEAKS

14:00 - 15:30

Hall C

	Moderator: Paolo Castelnovo (Italy)	684
14:00	PANELIST Daniel Simmen (Switzerland)	685
14:00	PANELIST Aldo Stamm (Brazil)	686
14:00	PANELIST Anshul Sama (United Kingdom)	687
14:00	PANELIST Hun-Jong Dhong (Republic of Korea)	688
14:00	PANELIST Usama Alhadi (Lebanon)	689
14:00	PANELIST Sarah Wise (USA)	690

ROUND TABLE 18: HOW DO YOU DEAL WITH SEPTAL PERFORATION?

14:00 - 15:30

Hall D

	Moderator: Karl Steensland (Sweden)	691
14:00	PANELIST Isam Alobid (Spain)	692
14:00	PANELIST Chae-Seo Rhee (Republic of Korea)	693
14:00	PANELIST Tim Woolford (United Kingdom)	694
14:00	PANELIST Antonio Sousa Vieira (Portugal)	695
14:00	PANELIST Mohsen Naraghi (Iran)	696
14:00	PANELIST Nesil Keles (Turkey)	697

ROUND TABLE 19: MANAGING SCUAD PATIENTS

14:00 - 15:30

Hall E

	Moderator: Sverre Steinsvag (Norway)	698
14:00	PANELIST Hideyuki Kawauchi (Japan)	699
14:00	PANELIST Joaquim MulloI (Spain)	700
14:00	PANELIST Jochen Bretschneider (Netherlands)	701
14:00	PANELIST Peter Hwang (USA)	702
14:00	PANELIST Luke Rudmik (Canada)	703
14:00	PANELIST Stephan Vlaminck (Belgium)	704

ROUND TABLE 20: EAACI SESSION: CASES FROM THE IMMUNOTHERAPY – WHEN IT WORKED AND WHEN IT DID NOT

14:00 - 15:30 Hall G

	Moderator: Ralph Mösges (Germany)	705
14:00	PANELIST Harsha Kariyawasam (United Kingdom)	706
14:00	PANELIST Ake Davidsson (Sweden)	707
14:00	PANELIST Michael Rudenko (United Kingdom)	708
14:00	PANELIST Jan Gosepath (Germany)	709
14:00	PANELIST Lei Cheng (China)	710

FREE PAPER SESSION 37: ENDOSCOPIC SURGERY OF SKULL BASE TUMOURS

14:00 - 15:30 Hall H

	Chair: Thibaut Van Zele (Belgium)	711
14:00	THE ROLE OF ENDONASAL ENDOSCOPIC APPROACHES IN MANAGEMENT OF SINONASAL AND INFRA TEMPORAL FOSSA SCHWANNOMAS <u>H. Basak</u> , S. Beton, G. Kahilogullari, S. Mulazimoglu, B. Kucuk, I. Yorulmaz, H. Tuna, C. Meco (Turkey)	712
14:09	A COST EFFECTIVE DELIVERY SYSTEM FOR FLOSEAL® DURING TRANSNASAL ENDOSCOPIC BRAIN SURGERY <u>Y. Brand</u> , V. Narayanan, N. Prepageran, V. Waran (Switzerland)	713
14:18	INVERTED PAPILLOMA: RETROSPECTIVE STUDY IN A TERTIARY CENTER <u>P. Eloy</u> , G. Heylen (Belgium)	714
14:27	CAVERNOUS HAEMANGIOMAS OF THE MAXILLARY SINUS OPERATED SUCCESSFULLY WITH AN ENDONASAL APPROACH; CASE SERIES <u>P. Eloy</u> , N. Terlinden (Belgium)	715
14:36	OUTCOME AND PERIOPERATIVE COMPLICATIONS OF ENDOSCOPIC VS. OPEN CRANIOFACIAL SURGERY APPROACHES FOR RESECTION OF SINUNASAL MALIGNANCIES <u>J. Hagemann</u> , S. Helling, C. Betz (Germany)	716
14:45	PROGNOSTIC VALUE OF TUMOR CLASSIFICATION IN PATIENTS WITH SINONASAL MUCOSAL MELANOMA <u>A. HOUETTE</u> (France)	717
14:54	COMPARISON OF ANTERIOR ENDOSCOPIC TRANSNASAL APPROACH AND LATERAL MICROSURGICAL APPROACH TO THE JUGULAR FORAMEN: AN ANATOMICAL STUDY <u>J.F. Liu</u> , D. Yang, J.C. Fernandez-Miranda, P.A. Gardner, B.E. Hirsch, C.H. Snyderman (China)	718
15:03	SINONASAL ADENOCARCINOMAS: EXPERIENCE OF LISBON ONCOLOGY INSTITUTE BETWEEN 2000 AND 2014 <u>I. Moura</u> , C. Anjo, J. Colaço, T. Carvalho, R. Pacheco, P. Montalvão, M. Magalhães (Portugal)	719
15:12	PERIORBITAL SUSPENSION FOR MANAGEMENT OF FAR LATERAL FRONTAL SINUS LESIONS <u>C. Meco</u> , S. Beton, H. Basak, S. Mulazimoglu, H. Guliyev, B. Kucuk, I. Yorulmaz (Turkey)	720
15:21	ENDOSCOPIC NASOPHARYNGECTOMY: HONG KONG EXPERIENCE <u>L.Y.D. Lee</u> (Hong Kong, China)	721

FREE PAPER SESSION 38: RHINOLOGY MISCELLANEOUS

14:00 - 15:30

Hall I

	Chair: Rupa Vedantam (India)	722
14:00	ROBOTICS	723
	<u>M. Caversaccio</u> (Switzerland)	
14:09	PEDIATRIC NASOPHARYNGEAL MALIGNANT TUMORS: CLINICAL PRESENTATION AND SURVIVALS ANALYSIS IN 28 PATIENTS	724
	<u>I. DELGADO</u> , I.M. Moura, M. Menezes Peres, P. Montalvão, M. Magalhães (Portugal)	
14:18	EPISTAXIS: HOW HELPFUL ARE ONLINE MEDICAL RESOURCES FOR PATIENTS?	725
	<u>H. Lancer</u> , R. Lakhani, D. Roberts (United Kingdom)	
14:27	GENOMIC ANALYSIS OF OLFATORY NEUROBLASTOMA AND ESTABLISHMENT OF NOVEL OLFATORY NEUROBLASTOMA CELL LINE MODELS	726
	<u>M. Lechner</u> , T. Fenton, C. Kranjec, J. Herrero, S. Henderson, L. Williams, N. Pillay, D. Ho, M. Forster, A. Jay, W. Yarbrough, D. Howard, V. Lund (United Kingdom)	
14:36	SNOT-22 REVEALS LATENT PATHOLOGY IN YOUNG ADULTS	727
	<u>E. Prokopakis</u> , A. Milioni, I. Lymperidis, A. Kaprana, S. Velegrakis, G. Velegrakis (Greece)	
14:45	CORRELATION STUDY ON THE SYMPTOM SCALES BETWEEN CHRONIC RHINOSINUSITIS AND LARYNGOPHARYNGEAL REFLUX	728
	<u>J. REN</u> , Y. Zhao, X. Ren, J. Du, L. Lei (China)	
14:54	PROGNOSTIC BIOMARKERS AND MOLECULAR FEATURES OF P16/HPV POSITIVE NEOPLASIA OF THE NOSE AND PARANASAL SINUSES: A SYSTEMATIC REVIEW	729
	<u>P.L. Sacks</u> , J. Christensen, R. Sacks, P. Earls, R. Gallagher, R. Harvey (Australia)	
15:03	POSTOPERATIVE CARE OF PATIENTS AFTER FESS WITH THE USE OF MASTIC OIL AND OLIVE OIL. A MEDITERRANEAN APPROACH	730
	<u>A. Sarafidou</u> , I. Konstantinidis, A. Chatziavramidis, J. Constantinidis (Greece)	
15:12	RISING INCIDENCE OF HEAD AND NECK MUCOSAL MELANOMA IN AUSTRALIA	731
	<u>V. Sarju</u> , D. Youssef, A. Cervin (United Kingdom)	
15:21	A META-ANALYSIS OF SURVIVAL FACTORS IN RHINO-ORBITAL-CEREBRAL MUCORMYCOSIS	732
	<u>C. Vaughan</u> , A. Bartolo, S.C. Leong (United Kingdom)	

FREE PAPER SESSION 39: RHINOLOGY MISCELLANEOUS

14:00 - 15:30

Hall J

	Chair: Dilyana Vicheva (Bulgaria)	733
14:00	CLINICAL FINDINGS OF SINONASAL FIBRO-OSSEOUS LESIONS EXCEPT OSTEOMA	734
	<u>S.K. Chung</u> , J. Choi, G. Ryu, H.J. Dhong, H.Y. Kim, S.D. Hong (Republic of Korea)	
14:09	A DECADE OF RHINOLOGY IN SAINT LUCIA	735
	<u>C. Rizan</u> , H. Elhassan (United Kingdom)	
14:18	NASAL MUCOSA MELANOMAS IN IPOLFG (1995-2010)	736
	<u>T. GABRIEL</u> , A. Jardim, P. Campelo, B. Araújo, R. Fino, P. Montalvão, M. Magalhães (Portugal)	

14:27	EXOPHYTIC SINONASAL PAPILLOMAS AND NASAL FLORID PAPILLOMATOSIS: A RETROSPECTIVE STUDY <u>R. Glatre</u> , E. Bequignon, I. Abd Alsamad, V. Pruliere-Escabasse, A. Gauthier, L. Brugel, A. Coste, H. De Kermadec (France)	737
14:36	THREE-DIMENSIONAL COMPUTED TOMOGRAPHIC STUDY OF THE SUPREME NASAL TURBINATE <u>T. Gotlib</u> , M. Kuźmińska, K. Niemczyk (Poland)	738
14:45	THE ONODI CELL AND OPTIC CANAL ASSESSED IN PARANASAL SINUS CT IN ASIAN NOSE <u>T. KITAMURA</u> , T. SHIKINA, M. HAYAMA, Y. YAMAMURA, H. NISHIMURA, S. NISHIIKE (Japan)	739
14:54	THE BURDEN OF RHINOLOGIC DISEASE <u>M. Lundberg</u> , M. Ylitalo-Heikkilä, R.P. Roine, H. Sintonen, P. Virkkula, M. Hytönen (Finland)	740
15:03	ANALYSIS OF ADULT ENDOSCOPIC SINUS SURGERY OPERATIVE FLOW: OPPORTUNITIES FOR IMPROVED SAFETY & EFFICIENCY <u>J. Ramakrishna</u> , D. Sommer, S. Arbabtafti (Canada)	741
15:12	RHINOLOGIST-BEWARE-NOT ALL NASAL RESISTANCE VALUES ARE THE SAME! COMPARISON OF THE CLASSIC AND BROMS METHOD IN RHINOMANOMETRY USING NOSE MODELS <u>E.H. Wong</u> , R. Eccles (United Kingdom)	742
15:21	CHRONIC MAXILLARY ATELECTASIS AND SILENT SINUS SYNDROME: 2 SHADES OF THE SAME ENTITY. CASES SERIES <u>P. Eloy</u> , M. Horoi, H. Sergio, P. Rombaux, C. De Dorlodot (Belgium)	743

COFFEE BREAK, EXHIBITION AND POSTER VIEWING

15:30 - 16:00 Exhibition

ERS GENERAL ASSEMBLY

15:30 - 16:00 Hall A

INSTRUCTIONAL SESSION 21: HOW TO MANAGE INVERTED PAPILLOMA

16:00 - 16:45 Hall A

16:00 **HOW TO MANAGE INVERTED PAPILLOMA** 744
Jianbo Shi (China)

INSTRUCTIONAL SESSION 22: IgG4 SYNDROME

16:00 - 16:45

Hall B

16:00 **IgG4 SYNDROME**

Morgan Andersson (Sweden)

745

INSTRUCTIONAL SESSION 23: NASAL TRAUMA IN CHILDREN

16:00 - 16:45

Hall C

16:00 **NASAL TRAUMA IN CHILDREN**

Ignazio Tasca (Italy)

746

DEBATE: SYSTEMIC CORTICOSTEROIDS – OVERUSE OR UNDERUSE?

16:00 - 16:45

Hall D

Chair: Valerie Lund (United Kingdom)

747

16:00 **SYSTEMIC CORTICOSTEROIDS - OVERUSE**

Devyani Lal (USA)

748

16:00 **SYSTEMIC CORTICOSTEROIDS - UNDERUSE**

Mats Holmström (Sweden)

749

16:00 **DISCUSSION****DEBATE: ILIT – IT WORKS OR NOT?**

16:00 - 16:45

Hall E

Chair: Marit Westman (Sweden)

750

16:00 **ILIT - IT WORKS**

Lars-Olaf Cardell (Sweden)

751

16:00 **ILIT - IT DOES NOT WORK**

Lars Poulsen (Denmark)

752

16:00 **DISCUSSION**

INSTRUCTIONAL SESSION 24: HOW TO DILATE THE SINUSES WITH BALLOONS?

16:00 - 16:45

Hall F

- 16:00 **HOW TO DILATE THE SINUSES WITH BALLOONS?**
C. Hopkins (United Kingdom)

INSTRUCTIONAL SESSION 25: HOW TO CHOOSE PATIENTS FOR IMMUNOTHERAPY

16:00 - 16:45

Hall G

- 16:00 **HOW TO CHOOSE PATIENTS FOR IMMUNOTHERAPY**
Guy Scadding (United Kingdom)

754

FREE PAPER SESSION 40: PATHOPHYSIOLOGY OF CRS

16:00 - 16:45

Hall H

- Chair: Bradley Marple (USA) 755
- 16:00 **THE FUNGI ON SINONASAL MUCOSA: NORMAL CONTENT OF MICROBIOME OR SILENT TREAT?** 756
A. Barac, M. Pekmezovic, A. Ema, S. Rajica, V. Tomic Spiric (Serbia)
- 16:05 **PARANASAL SINUSES ROLE A NEW MICROBIOME BASED THEORY** 757
I. Braverman, A. Gemer (Israel)
- 16:10 **HISTOLOGICAL ANALYSIS OF NASAL POLYPOSIS IN DIFFERENT CLINICAL MANIFESTATIONS** 758
L. Mohana, I. Hazboun, L. SERRANO, A. Altemani, R. Gusmão, E. Sakano (Brazil)
- 16:15 **MICROBIOME AND CULTURE BASED ANALYSIS OF DIFFERENT TYPES OF CHRONIC RHINOSINUSITIS VERSUS HEALTHY SINUS MUCOSA** 759
B. Olzowy, K. Koeller, D. Herlemann, T. Schuldt, E. Guder, A. Ovari, B. Kreikemeyer (Germany)
- 16:20 **IMMUNOPATHOLOGIC CHARACTERISTICS OF VARIOUS TYPE OF KOREAN NASAL POLYPS** 760
S. Shin, M.K. Ye, H.S. Jin, S.H. Kang (Republic of Korea)
- 16:30 **THE INDUCTION OF IL-33 IN THE SINUS EPITHELIUM AND ITS INFLUENCE ON T-HELPER CELL RESPONSES** 761
M. Soyka, D. Holzmann, C. Akdis, T. Eiwegger (Switzerland)
- 16:35 **ROLE OF GROUP 2 INNATE LYMPHOID CELLS IN THE PATHOGENESIS OF EOSINOPHILIC CHRONIC RHINOSINUSITIS** 762
I. Tojima, H. Kouzaki, S. Shimizu, T. Ogawa, M. Arikata, T. Shimizu (Japan)
- 16:40 **THROMBOXANE A2 REGULATES CXCL1 AND CXCL8 CHEMOKINE EXPRESSION IN THE NASAL MUCOSA-DERIVED FIBROBLASTS OF CHRONIC RHINOSINUSITIS PATIENTS** 763
Y.J. Tsai (Taiwan)

FREE PAPER SESSION 41: PEDIATRIC RHINOLOGY AND ALLERGIC RHINITIS

16:00 - 16:45

Hall I

	Chair: Carmen Rondon (Spain)	764
16:00	POSITIVITY RATES FOR COMMON ANTIGENS USING IN-VITRO TESTING <u>M. Benninger</u> , T. Daly, K. Grafmiller, M. Strohl (USA)	765
16:07	EFFECTS OF ORAL BRONCHODILATOR ON TRACHEAL SMOOTH MUSCLE IN PATIENTS WITH ALLERGIC RHINITIS AND ASTHMA <u>M.Y.L. Chou</u> , H.W. Wang (Taiwan)	766
16:14	CAN MOMETASONE FUROATE NASAL SPRAY CANCEL SURGERY IN CHILDREN WITH INDICATION FOR ADENOIDECTOMY? G. Karkanis, E. Tsakiropoulou, I. Konstantinidis, A. Chatziavramidis, J. Constantinidis, <u>Z. Tsinaslanidou</u> (Greece)	767
16:21	SILENT SINUS SYNDROME IN CHILDREN (CASE REPORT) E. Latysheva, <u>Y. Rusetzky</u> , S. Alekseenko, U. Malyavina (Russia)	768
16:28	SWINGING DOOR FLAP TECHNIQUE FOR ENDOSCOPIC TRANSEPTAL REPAIR OF BILATERAL CHOANAL ATRESIA <u>Y. Nour</u> (Egypt)	769
16:35	CONGENITAL PYRIFORM APERTURE STENOSIS: A RARE CAUSE OF NASAL OBSTRUCTION IN NEONATES <u>A. Jardim</u> , A. Marinho, J. Subtil, J.P. Araújo, J. Saraiva (Portugal)	770

FREE PAPER SESSION 42: ORBIT AND LACRIMAL SYSTEM

16:00 - 16:45

Hall J

	Chair: Andrey Lopatin (Russia)	771
16:00	ORBIT DECOMPRESSION IN THE TREATMENT OF GRAVES' ORBITOPATHY: THE ADDED VALUE OF THE THIRD WALL ORBITOTOMY IN PROPTOSIS REDUCTION <u>M. Calha</u> , S. Agostinho, P. Borges Dinis (Portugal)	772
16:05	ENDOSCOPIC DACRYOCYSTORHINOSTOMY WITH AND WITHOUT SILICONE INTUBATION: 4 YEARS RETROSPECTIVE STUDY <u>P. Dehgani Mobaraki</u> , F. Longari, A.L. Ricci, R. Lapenna, C. Cagini, G. Ricci (Italy)	773
16:10	ORBITAL COMPLICATIONS OF RHINOSINUSITIS IN THE ADULT POPULATION <u>A. ELMOGRABI</u> , A. RITTER, E. SOUDRY (Israel)	774
16:15	360 DEGREES SURGICAL APPROACH TO THE ORBIT: PERSONAL CONSIDERATIONS <u>F.R. Fiorini</u> , P. Castelnuovo, M. Turri-Zanoni, G. Fiacchini, L. Cristofani Mencacci, P. Battaglia, D. Locatelli, P. Herman, S. Sellari-Franceschini, I. Dallan (Italy)	775
16:20	ENDOSCOPIC DACRYOCYSTORHINOSTOMY IN PROXIMAL OBSTRUCTIONS OF THE NASOLACRIMAL SYSTEM <u>A.R. Lameiras</u> , J. Pimentel, V. Oliveira, D. Silva, P. Escada (Portugal)	776
16:25	TRANSCANALICULAR DIODE LASER-ASSISTED ENDOSCOPIC DACRYOCYSTORHINOSTOMY – OUR EXPERIENCE <u>M. Menezes Peres</u> , R. Pacheco, J. Prata, T. Gouveia, P. Sousa, P. Mouro, J. Olias (Portugal)	777
16:30	IMPACT OF ENDOSCOPIC DACRYOCYSTORHINOSTOMY ON SINONASAL QUALITY OF LIFE <u>M. Miyake</u> , L. Gregorio, S. Freitag, D. Lefebvre, S. Gray, E. Holbrook, B. Bleier (USA)	778
16:35	RECONSTRUCTION OF BLOWOUT FRACTURES OF INFEROMEDIAL WALLS <u>K. Takabayashi</u> , M. Nagamine, T. Fujita (Japan)	779
16:40	THE PRELACRIMAL APPROACH FOR THE REPAIR OF ORBITAL FLOOR FRACTURES <u>V. Vielsmeier</u> , H. Jäggle, T. Kühnel (Germany)	780

Thursday, July 7, 2016**Plenary Session: HOW TO ADDRESS PATIENTS WITH UNCONTROLLED DISEASE**

08:00 - 09:00

Hall B

	Chair: Valerie Lund (United Kingdom)	781
08:00	DEFINITION & SCUAD Wytske Fokkens (Netherlands)	782
08:20	MEDICAL THERAPY <u>C. Bachert</u> (Belgium)	783
08:40	SURGICAL THERAPY Daniel Simmen (Switzerland)	784

BREAK

09:00 - 09:10

Exhibition

SYMPOSIUM 43: MANAGEMENT OF PATIENTS WITH WHOM FESS SURGERY HAS FAILED

09:10 - 10:25

Hall B

	Chair: Michael Tong (Hong Kong, China)	785
09:10	SELECTING PATIENTS FOR SURGERY Michael Benninger (USA)	786
09:28	TOO LITTLE OR TOO MUCH? James Palmer (USA)	787
09:47	TOO LATE OR TOO EARLY? <u>J. Rimmer</u> (Australia)	788
10:06	REVISION TECHNIQUES Wytske Fokkens (Netherlands)	789

SYMPOSIUM 44: EAACI SESSION: TREATMENT OF CRSwNP

09:10 - 10:25

Hall C

	Chair: Pär Stjärne (Sweden)	790
09:10	MEDICAL AND SURGICAL TREATMENT OF CRSwNP: OPPOSING VIEWS OR CLOSE FRIENDS? <u>P.V. Tomazic</u> (Austria)	791
09:35	ENDOTYPES OF CRSwNP AND NOVEL TREATMENT Philippe Gevaert (Belgium)	792
10:00	ASPIRIN SENSITIVITY IN CRSwNP; DESENSITISATION: INDICATIONS, METHOD, TECHNIQUE <u>L. Klimek</u> (Finland)	793

SYMPOSIUM 45: EAFPS SESSION: MALFORMATIONS AFFECTING THE UPPER AIRWAY

09:10 - 10:25

Hall D

	Chair: Pernilla Sahlstrand-Johnson (Sweden)	794
09:10	THE HEREDITARY NOSE Thomas Kühnel (Germany)	795
09:28	THE CLEFT Fazil Apaydin (Turkey)	796
09:46	VASCULAR MALFORMATION PAPAIZAMOS /CAE <u>M. Tovi</u> (Sweden)	797
10:04	CHOANAL ATRESIA Semih Sütay (Turkey)	798

SYMPOSIUM 46: IRS SESSION: GLOBAL RHINOLOGIC CHALLENGES – A REGIONAL ANALYSIS

09:10 - 10:25		Hall E
	Chair: Henrik Bergqvist (Sweden)	799
09:10	EUROPE <u>K. Holmberg</u> (Sweden)	800
09:22	NORTH AMERICA <u>B. Senior</u> (USA)	801
09:34	AFRICA Reda Kamel (Egypt)	802
09:46	ASIA Rupa Vedantam (India)	803
09:58	SOUTH AMERICA Richard Voegels (Brazil)	804
10:10	AUSTRALIA <u>S. Carney</u> (Australia)	805

SYMPOSIUM 47: OLFACTION – IT IS NOT ONLY ABOUT THE NOSE!

09:10 - 10:25		Hall F
	Chair: Takaki Miwa (Japan)	806
09:10	OLFACTORY DISORDERS: A FREQUENT PROBLEM Basile Landis (Switzerland)	807
09:28	OLFACTORY DISORDERS, PSYCHOLOGICAL CONSEQUENCES <u>S. Nordin</u> (Sweden)	808
09:47	CENTRAL OLFACTORY DISORDERS <u>J. Olofsson</u> (Sweden)	809
10:06	OLFACTION: WHAT HAS IT TO DO WITH SOCIAL COMPETENCE AND COGNITIVE FUNCTION Maria Larsson (Sweden)	810

FREE PAPER SESSION 43: RHINOLOGY MISCELLANEOUS

09:10 - 10:25

Hall G

	Chair: Andrew Lane (France)	811
09:10	THE ROLE OF ENDONASAL ENDOSCOPIC SURGERY IN SINONASAL AND INFRATEMPORAL FOSSA HEMANGIOMA AND HEMANGIOPERICYTOMAS H. Basak, N. Isayev, S. Beton, S. Mulazimoglu, B. Kucuk, I. Yorulmaz, C. Meco (Turkey)	812
09:22	THE IMPACT OF CIGARETTE SMOKING ON NASAL OBSTRUCTION: AN ANALYSIS BASED ON THE NOSE-P SCALE M. Canas Marques, M. Pereira, P. Rocha Pereira, M. Alveirinho Simão, O. Dias (Portugal)	813
09:34	A RANDOMISED CONTROL TRIAL TO EVALUATE DIAGNOSTIC AND MANAGEMENT CONFIDENCE OF ENDOSHEATH NASENOSCOPY: EARLY RESULTS H. Elhassan, W. Baber, R. Costello, R. McLeod (United Kingdom)	814
09:46	NORMAL PEAK NASAL INSPIRATORY FLOW (PNIF) RATE VALUES IN HEALTHY 15-20 YEAR OLD ADOLESCENTS IN UKRAINE R. Fishchuk, M. Pylyp'yuk, O. Orishchak, A. Erstenyuk, O. Detsyk (Ukraine)	815
09:58	SINONASAL INVERTED PAPILOMA. AN UPDATE OF MANAGEMENT AND RECURRENCE RATES H.S. Khalil, S. Edwards, M. Abo Khatwa (United Kingdom)	816
10:10	GOBLET CELL DENSITY IN THE AIRWAY EPITHELIUM OF THE UPPER- AND LOWER RESPIRATORY TRACT (SEPTUM AND TRACHEA) IN NORMAL AND NUDE (ATHYMIC) RATS L. Per Leganger, C. Hjort-Sørensen, H.P. Hougen, J. Rygaard, M. Tos (Denmark)	817

FREE PAPER SESSION 44: SKULL BASE SURGERY

09:10 - 10:25

Hall H

	Chair: Cem Meço (Turkey)	818
09:10	CLOSURE OF LARGER DURAL DEFECTS IN TRANSNASAL SKULL BASE SURGERY - A CASE SERIES C. Betz, W. Rachinger, N. Thon, M. Reiter, J.G. Ledderose (Germany)	819
09:15	DOUBLE NASOSEPTAL FLAP TECHNIQUE IN TRANSSEPTAL TRANSPHENOID APPROACH FOR ENDOSCOPIC ENDONASAL HYPOHYSECTOMY S. Göde, H. Biçeroğlu, U. Erdoğan, M.S. Ateş, I. Kaya, R. Midilli, B. Karci (Turkey)	820
09:20	A DIAGNOSTIC CONUNDRUM IN A PATIENT PRESENTING WITH RECURRENT EPISTAXIS F. McClenaghan, C. Rennie, W. Grant (United Kingdom)	821
09:25	EFFICACY OF MULTILAYER RECONSTRUCTION AFTER ENDONASAL ENDOSCOPIC TRANSCRIBRIFORM APPROACHES S. Beton, G. Kahilogullari, H. Basak, S. Mulazimoglu, H.C. Ugur, C. Meco (Turkey)	822
09:30	ENDONASAL ENDOSCOPIC MANAGEMENT OF PETROUS APEX LESIONS C. Meco, S. Beton, G. Kahilogullari, H. Basak, S. Mulazimoglu, H.C. Ugur, A. Unlu (Turkey)	823
09:35	OUR EXPERIENCE OF ENDOSCOPIC MANAGEMENT OF RECURRENT JUVENILE NASAL ANGIOFIBROMAS M. Nersesyan, D. Kapitanov, A. Lubnin, S. Yakovlev, S. Arustamyan, K. Mikeladze, A. Belov, V. Cherekaev (Russia)	824
09:40	ENDOSCOPIC TREATMENT OF FRONTAL CSF-LEAKS AND MENINGOCELES: WHAT THE SURGEON NEEDS TO KNOW V. PATRON, M. Humbert, L.M. ROUSSEL, M. HITIER (France)	825

09:45	RADIOLOGICAL STUDY OF THE ANTERIOR CRIBRIFORM PLATE AND ITS CLINICAL CONSEQUENCES	826
	<u>V. Patron</u> , C. ESCALARD, L.M. ROUSSEL, S. MOREAU, M. HITIER (France)	
09:50	ENDOSCOPIC ASSISTED APPROACH TO PETROUS APEX LESIONS: WHAT RHINOLOGIST CAN BRING TO OTOLOGIST	827
	<u>V. Patron</u> , M. HUMBERT, E. MICAULT, L.M. ROUSSEL, S. MOREAU, M. HITIER (France)	
09:55	ACUTE OPHTHALMIC SYMPTOMS IN TWO PATIENTS AND THE CHALLENGE TO ARRIVE AT THE DIAGNOSIS OF ROSAI-DORFMAN DISEASE.	828
	<u>B. Silver</u> , C. Rennie, W. Grant (United Kingdom)	
10:00	SINGLE LAYER REPAIR OF LARGE ANTERIOR SKULL BASE DEFECTS WITHOUT VASCULARIZED MUCOSAL FLAP.	829
	<u>J. Suh</u> , F. Yoo, M. Bergsnieder, M. Wang (USA)	
10:05	ENDOSCOPIC REPAIR OF CEREBROSPINAL FLUID LEAKS IN PAEDIATRIC PATIENTS	830
	<u>A. Zanon</u> , D. Borsetto, C. Diego, V. Tiziana, M. Alessandro, E. Enzo (Italy)	
10:10	THE ROLE OF POSTOPERATIVE NASAL CARE IN ENDOSCOPIC ENDONASAL SKULL BASE SURGERY; REVIEW OF RELATED ARTICLES AND PRESENTING OUR PRACTICE	831
	<u>M. Jalessi</u> , E. Amini (Iran)	
10:15	ENDOSCOPIC MANAGEMENT OF A FRONTAL SINUS POSTERIOR TABLE FRACTURE WITH A DOUBLE MINI TREPHINATION APPROACH: A CASE REPORT	832
	<u>Z. Tsinaslanidou</u> , I. Konstantinidis, A. Chatziavramidis, J. Constantinidis (Greece)	

FREE PAPER SESSION 45: RHINOLOGY MISCELLANEOUS

09:10 - 10:25		Hall I
	Chair: Mats Holmström (Sweden)	833
09:10	INCIDENCE AND RISK OF MALIGNANT TRANSFORMATION IN THE SWEDISH POPULATION 1960-2010	834
	<u>A. Elliot</u> , L. Nordenvall Hammarstedt, L. Marklund, H. Håkansson, H. Song, Y. Ye, P. Stjärne (Sweden)	
09:22	ENDOSCOPIC VIDIAN NEURECTOMY: A RETROSPECTIVE CASE SERIES OF 20 PATIENTS	835
	<u>S. Toma</u> , I. Beegun, H. Saleh (United Kingdom)	
09:35	ENDOSCOPIC ENDONASAL SURGERY SIMULATOR: A VALIDATION STUDY	836
	<u>S. Kudryashov</u> , V. Kozlov (Russia)	
09:47	SIGNIFICANCE OF NASAL MANIFESTATIONS IN DISEASE STRATIFICATION OF ANCA ASSOCIATED VASCULITIS	837
	<u>I. Kwame</u> , L. Joshi, A. Tanna, S. McAdoo, R. Kuchai, G. Sandhu, C. Pusey (United Kingdom)	
10:00	SINONASAL NEOPLASMS: A CASE SERIES FROM A DISTRICT GENERAL HOSPITAL AND REVIEW OF LITERATURE	838
	<u>S. Mahalingam</u> , W. Wong, S. Mistry, V. Ward (United Kingdom)	
10:12	THE ROLE OF ENDOSCOPIC ENDONASAL NASOPHARYNGECTOMY IN ADVANCED RECURRENT rT3 AND rT4 NASOPHARYNGEAL CARCINOMA	839
	<u>E.H. Wong</u> , Y.T. Liew, M.Z. Abu Bakar, P. Narayanan (Malaysia)	

FREE PAPER SESSION 46: RHINOLOGY MISCELLANEOUS

09:10 - 10:25

Hall J

	Chair: Ulrike Bockmühl (Germany)	840
09:10	CLINICAL RESEARCH OF THE QUALITY OF LIFE IN PATIENTS WITH DISEASES OF OPERATED NOSE <u>K. Bazarkina</u> , V. Kozlov (Russia)	841
09:15	THE CLINICAL OUTCOMES OF USING A NEW CROSS-LINKED HYALURONAN GEL IN ENDOSCOPIC FRONTAL SINUS SURGERY <u>T. Dal</u> , S. Bahar (Turkey)	842
09:20	ODONTOGENIC SINUSITIS: THE EVOLUTION OF DENTAL IMPLANTOLOGY AND ITS ADVERSE SEQUELAE <u>D. FITZGERALD</u> , K. Varadharajan, P. Surda, A. Toma, S. Little (United Kingdom)	843
09:25	CLINICAL CHARACTERISTICS AND TREATMENT OF OROANTRAL FISTULA <u>S.J. Heo</u> , J.S. Kim (Republic of Korea)	844
09:30	IMPROVEMENTS TO ESS FOR EOSINOPHILIC RHINOSINUSITIS BASED ON POSTOPERATIVE ENDOSCOPIC EVALUATION <u>Y. Hinohira</u> , S. Watanabe, K. Yoshiyuki, T. Kamio (Japan)	845
09:35	SOLITARY FIBROUS TUMOR OF THE NASAL CAVITY: A RARE CAUSE OF UNILATERAL NASAL OBSTRUCTION <u>A. Jardim</u> , C.D. Amaro, P. Montalvão, J.P. Araújo, A. Marinho, J. Saraiva (Portugal)	846
09:40	MUCOSAL ROUTE OF IMMUNOTHERAPY WITH TRANSGENIC RICE SEEDS EXPRESSING HYPOALLERGENIC WHOLE T CELL EPITOPES OF Cryj1 AND Cryj2 -INVESTIGATION IN MURINE MODEL OF CEDAR POLLINOSIS- <u>H. Kawachi</u> , Q. Infei, T. Yamada, N. Aoi, I. Morikura, T. Fuchiwaki (Japan)	847
09:45	ENDOSCOPIC ENDONASAL APPROACH TO THE PTERYGOPALATINE FOSSA, INFRATEMPORAL FOSSA AND PARAPHARYNGEAL SPACE: ANATOMY AND CLINICAL APPLICATIONS <u>L.Y.D. Lee</u> (Hong Kong, China)	848
09:50	INVERTED PAPILLOMA-20 YEARS EXPERIENCE IN TREATMENT <u>J. Maleš</u> , H. Mihalj, Z. Zupčić (Croatia)	849
09:55	POSTOPERATIVE CARE IN SEPTOPLASTY: OVERNIGHT OR DAY-CASE SURGERY- THAT IS THE QUESTION? <u>A. Menezes</u> , J. Guimarães, S. Pereira, M. Breda, D. Silva, L. Dias (Portugal)	850
10:00	PROPOSAL FOR AN UPDATED INTERNATIONAL STANDARD IN RHINOMANOMETRY <u>K. Peksis</u> , K.D. Wernecke, H. Behrbohm, O. Kaschke, R. Enache, C. Sarafoleanu, A. Krzeski, K. Vogt, M. Argale (Latvia)	851
10:05	DISRUPTION OF THE TRANSCRIPTION FACTOR NRF2 ENHANCES SUSCEPTIBILITY TO SEVERE ALLERGIC EOSINOPHILIC SINONASAL INFLAMMATION IN MICE A. Tharakan, M. Mendiola, M. Chen, S. Biswal, <u>M. Ramanathan</u> (USA)	852
10:10	Z-PLASTY FOR INTERNAL NASAL VALVE COLLAPSE: AN EVALUATION USING THE NOSE SCALE <u>S. Toma</u> , I. Beegun, H. Saleh (United Kingdom)	853
10:15	GRAFTS IN ENDONASAL RHINOPLASTY: WHEN AND HOW <u>S. Toma</u> , H. Saleh (United Kingdom)	854

COFFEE BREAK AND EXHIBITION

10:25 - 11:00

Exhibition

SYMPOSIUM 48: TOP TIPS FOR FESS

11:00 - 12:15

Hall B

	Chair: Henrik Bergqvist (Sweden)	855
11:00	HOW TO CHOOSE THE RIGHT PATIENT James Palmer (USA)	856
11:18	PREOPERATIVE OPTIMIZATION Claire Hopkins (United Kingdom)	857
11:37	SURGICAL FIELD AND INSTRUMENTATION David Kennedy (USA)	858
11:56	POSTOPERATIVE PACKING Bradley Marple (USA)	859

SYMPOSIUM 49: IRS SESSION: WHAT ABOUT FUNGUS IN THE SINUSES?

11:00 - 12:15

Hall C

	Chair: Reda Kamel (Egypt)	860
11:00	CHRONIC INVASIVE FUNGAL RHINOSINUSITIS <u>I.R. Herzallah</u> (Kingdom of Saudi Arabia)	861
11:18	EOSINOPHILIC MUCIN/FUNGAL RHINOSINUSITIS Bradley Marple (USA)	862
11:36	FUNGAL BALL - WHEN TO OPERATE Philippe Eloy (Belgium)	863
11:54	ACUTE INVASIVE FUNGAL RHINOSINUSITIS <u>R. Vedantam</u> (India)	864

ROUND TABLE 21: LOCAL TREATMENT - WHAT WORKS?

11:00 - 12:15

Hall D

	Moderator: Anders Ehnhage (Sweden)	865
11:00	PANELIST Erik Stigare (Sweden)	866
11:00	PANELIST Amber Luong (USA)	867
11:00	PANELIST Anders Mårtensson (Sweden)	868
11:00	PANELIST Kornkiat Snidvongs (Thailand)	869
11:00	PANELIST Stilianos Kountakis (USA)	870
	PANELIST David Holzmann (Switzerland)	

SYMPOSIUM 50: ENVIRONMENTAL, HORMONAL AND DRUG RELATED PROBLEMS WITH THE NOSE

11:00 - 12:15

Hall E

	Chair: Dusanka Milosevic (Serbia)	871
11:00	NASAL CONGESTION DUE TO HORMONES Carl Philpott (United Kingdom)	872
11:18	DRUG RELATED RHINITIS <u>S. Steinsvaag</u> (Norway)	873
11:37	WOOD WORKERS AND RHINITIS <u>M. Holmstrom</u> (Sweden)	874
11:56	DO WE STILL SEE NASAL CANCER RELATED TO WORK? Michael Tong (Hong Kong, China)	875

SYMPOSIUM 51: BASIC MECHANISMS IN AIRWAY INFLAMMATION

11:00 - 12:15

Hall G

	Chair: Achim Beule (Germany)	876
11:00	REVISITING NEUTROPHIL INFLAMMATION L.O. Cardell (Sweden)	877
11:18	DEFENCE MECHANISMS OF THE NASAL MUCOSA Robert Kern (USA)	878
11:37	IMPACT OF VIRUSES AND BACTERIA ON INFLAMMATION Claus Bachert (Belgium)	879
11:56	THE PARADIGM OF CYTOKINE NETWORKS IN ALLERGIC AIRWAY INFLAMMATION Ruby Pawankar (Japan)	880

Plenary Session: CLOSING CEREMONY

12:20 - 13:00

Hall B

	Chair: Cecilia Ahlström Emanuelsson (Sweden)	881
	Chair: Pär Stjärne (Sweden)	882
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Cecilia Ahlström Emanuelsson (Sweden)	883
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Pär Stjärne (Sweden)	884
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Karl Steensland (Sweden)	885
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Mats Holmström (Sweden)	886
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Pernilla Sahlstrand-Johnson (Sweden)	887
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Monica Stenkvist-Asplund (Sweden)	888
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Anders Ehnhage (Sweden)	889
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Henrik Bergqvist (Sweden)	890
12:20	CLOSING REMARKS FROM LOCAL COMMITTEE Erik Stigare (Sweden)	891
12:35	SUCCESSION OF THE ERS PRESIDENCY Wytske Fokkens (Netherlands)	892
12:35	SUCCESSION OF THE ERS PRESIDENCY Pär Stjärne (Sweden)	893
12:40	WORDS FROM ERS 2018 LONDON Claire Hopkins (United Kingdom)	894

12:40	WORDS FROM ERS 2018 LONDON Valerie Lund (United Kingdom)	895
12:40	WORDS FROM ERS 2018 LONDON Sean Carrie (United Kingdom)	896